PATENT ABSTRACTS OF JAPAN

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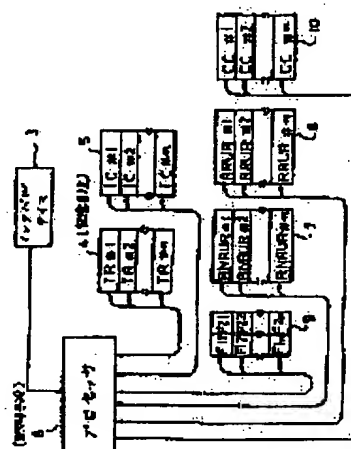|	
(21)Application number : 60-142196	(71)Applicant : TOSHIBA CORP
(22)Date of filing : 28.06.1985	(72)Inventor : TERASAWA MICHIYUKI

(54) POLLING AND SELECTING SYSTEM

(57)Abstract:

PURPOSE: To always secure the best polling/selecting efficiency of a master station to a slave station by increasing and decreasing the polling/selecting cycle when the slave station is busy and idle respectively.

CONSTITUTION: A processor 6 compares the contents of an RRUR#1 of a register 8 with those of a CC#1 of a counter 10 and changes the value set at a TR#1 of a time register 4 after deciding that an answer of RR is received from a specific slave station up to the upper limit value of the continuous answer times of the RR when the coincidence is obtained from said comparison. In other words, the polling/selecting cycle set value which is presently set to the TR#1 of the register 4 is equal to or little larger than the value of the highest efficiency. Therefore, the value obtained by subtracting a fixed amount of value from the present value of the TR#1 of the register 4 is set again. At the same time, the CC#1 of the counter 10 is reset. As a result, the subsequent polling/selecting cycles are accelerated to the slave station.

LEGAL STATUS

[Date of request for examination]

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(54) TITLE OF THE INVENTION :

POLLING/SELECTING METHOD

(21) Patent Application No. 60-142196

(22) Date of Application : June 28, 1985

(72) Inventor : (Michiyuki TERASAWA)

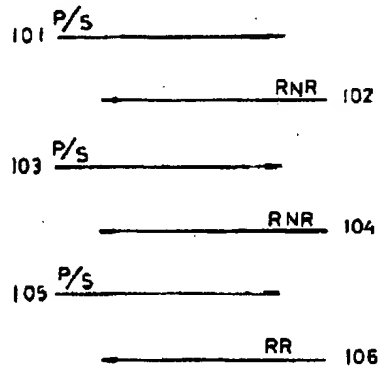(71) Applicant: Toshiba Corporation

(74) Attorney: (Takashi HONDA, et al.)

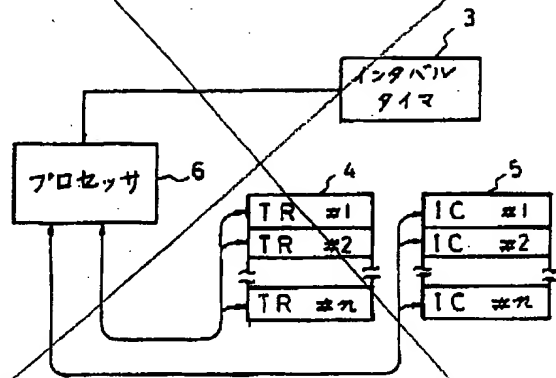(p 309, left column, line 32 through line 40)

At 101 in Fig. 2, a polling/selecting dealing with a particular event is performed, and when a slave station is in a busy state at the time, RNR is returned to a master station at 102. Then, a polling/selecting is performed again at 103, the slave station is still in a busy state, and therefore, RNR is returned at 104. When a polling/selecting is performed again at 105, a busy state of the slave station is canceled this time, and RR is returned to the master station at 106.
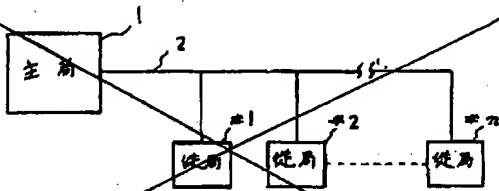
(relevant part cited in the Japanese Office Acts)

101 P/S

RNR 102

103 P/S

RNR 104

105 P/S

RR 106

第 2 図
FIG. 2

3

インタバル
タイマ

プロセッサ ～6   4   5

TR #1   IC #1
TR #2   IC #2

TR #n   IC #n

第 4 図

1

主局   2

#1   #2   #n

従局   従局 ------ 従局

第 3 図

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